

What is claimed is:

1. A color toner for developing electrostatic latent images comprising a colored resin particle containing at least a
5 binder resin, a colorant, a charge control agent and a parting agent,

wherein an extracted liquid with water by means of a hot water extraction method from said colorant has a pH value in the range from 6.0 to 8.0,

10 said colored resin particle has a volume average particle diameter (D_v) in the range from 4 to $10\mu\text{m}$ and an average circularity in the range from 0.93 to 0.995,

an amount of extracted components with methanol is 7% by weight or less, and

15 an amount of residual volatile compounds is 500ppm or less.

2. The color toner for developing electrostatic latent images according to claim 1,

20 wherein an amount of insoluble component in tetrahydrofran is in the range from 30 to 95% by weight.

3. The color toner for developing electrostatic latent images according to claim 1,

25 wherein the colorant is C. I. Pigment Yellow 74.

4. The color toner for developing electrostatic latent images

according to claim 3,

wherein an electrical conductivity of an extracted liquid with water by means of a hot water extraction method from the colorant is in the range from 10 to 130 μ S/cm.

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5. The color toner for developing electrostatic latent images according to claim 1,

wherein the colorant is a mixture of C. I. Pigment Red 31 and C. I. Pigment Red 150.

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6. The color toner for developing electrostatic latent images according to claim 5,

wherein an electrical conductivity of an extracted liquid with water by means of a hot water extraction method from the colorant is in the range from 10 to 100 μ S/cm.

7. The color toner for developing electrostatic latent images according to claim 1,

wherein the colorant is C. I. Pigment Blue 15:3 or C. I. Pigment Blue 15:4.

8. The color toner for developing electrostatic latent images according to claim 7,

wherein an electrical conductivity of an extracted liquid with water by means of a hot water extraction method from the colorant is in the range from 10 to 40 μ S/cm.

9. The color toner for developing electrostatic latent images according to claim 1,

wherein a pH value of an extracted liquid with water by means of a hot water extraction method from the colorant 5 is in the range from 6.5 to 8.0.

10. The color toner for developing electrostatic latent images according to claim 1,

wherein the parting agent is a multifunctional ester 10 compound.

11. The color toner for developing electrostatic latent images according to claim 1,

wherein a product (a×b) of "a" showing a hydroxy value 15 (mgKOH/g) of the parting agent and "b" showing an addition amount of the parting agent per 100 parts by weight of the binder resin is in the range from 0.5 to 40.

12. The color toner for developing electrostatic latent images 20 according to claim 1,

wherein the charge control agent comprises a charge control resin.

13. The color toner for developing electrostatic latent images 25 according to claim 1,

wherein the colored resin particle is produced by a polymerization reaction.